

A B S T R A C T

Method of refrigeration and installation for implementing the method

The invention relates to refrigeration at T_0 by a reversible sorption system.

The method is implemented in an installation comprising an endothermic component (EC) and an exothermic component consisting of the reactors (1) and (2). The reactors (1) and (2) are in thermal contact, each of them constituting an active thermal mass for the other, and they are provided with heating means (6) and heat extraction means (5). (1), (2) and (EC) are provided with means for bringing them into selective communication, and reversible phenomena involving a gas G take place therein, the equilibrium curve for the phenomenon in (1) lying within a higher temperature range than that of the equilibrium curve for the phenomenon in (2), which is itself higher than that of the curve for the phenomenon in (EC) in the Clausius-Clapeyron plot.